

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Herbert Campbell

GENERAL INFORMATION:

Name:	AGC Flat Glass North America, Inc - Richmond Plant
Address:	201 Duncannon Lane Richmond, Kentucky 40475
Date application received:	11/3/2008
SIC Code/SIC description:	3211, Flat Glass
Source ID:	21-151-00064
Agency Interest:	2796.
Activity:	APE20080001
Permit:	V-08-046

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
__ Non-Attainment	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
__ PSD	<input type="checkbox"/> CAM	
__ Netted out of PSD/NSR		
__ Not major modification per 401 KAR 51:001, 1(116)(b)		

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	PTE* (ton/yr)	Actual Emission** (ton/yr)
Carbon Monoxide	13.63	7.8
Nitrogen Oxides	1216.2	719.7
Sulfur Dioxide	220.25	156.3
Particulate Matter (PM ₁₀)	113.23	17.9
VOCs	57.9	48.5

*PTE – Potential to Emit

**Based on current data from Emission Survey Database 2007

SOURCE DESCRIPTION:

The Division received an application for the renewal of the operating Title V Permit (V-03-055 R1), from the source, AGC Flat Glass North America, Inc., on November 3, 2008. AFG Industries produces flat glass using the float process. Flat glass manufacturing operations consist of: the raw material handling, the melting furnace, the float or tin bath, the annealinglehr, the cutting and packaging section, the cullet return system, auxiliary services, and the emergency generator.

AFG Industries, Inc., is located on a site 6 km south of Richmond, Kentucky. The facility produces 600 tons per day of flat glass, which can be used for a number of applications including automobile windshields, architectural windows, appliances (stove, refrigerator glass), and decorative glass among other use types.

The Division received an application for a change of ownership from AGC Flat Glass North America, Inc. on September 18, 2007. Pursuant to 401 KAR 52: 020, Section 13, this modification was an administrative change which did not warrant a significant revision. Two 502 B10 activities including oil/water separator and dust collector for automated glass stacker that were approved on April 13, 2007 and July 17, 2007, and have been added to Section C of the permit.